

# P8131 HW8

## 1. Health

a. Evaluate the bivariate, cross-sectional relationship between randomized group assignment and participants health self-rating at the time of randomization.

```
health <- readxl::read_excel("HW8-HEALTH.xlsx", col_names = TRUE)
head(health)
```

```
## # A tibble: 6 x 5
##       ID TIME TXT       HEALTH AGEGROUP
##   <dbl> <dbl> <chr>    <chr>   <chr>
## 1   101     1 Intervention Good    15-24
## 2   101     2 Intervention Good    15-24
## 3   101     3 Intervention Good    15-24
## 4   101     4 Intervention Good    15-24
## 5   102     1 Control      Poor    15-24
## 6   102     2 Control      Poor    15-24
```

Cross-sectional table:

		TXT			
		Control		Intervention	
		Count	Percentage %	Count	Percentage %
Good	15-24	10	52.63	9	47.37
	25-34	9	60.00	6	40.00
	35+	1	50.00	1	50.00
	Total	20	55.56	16	44.44
Poor	15-24	11	55.00	9	45.00
	25-34	7	36.84	12	63.16
	35+	3	60.00	2	40.00
	Total	21	47.73	23	52.27
Total	15-24	21	53.85	18	46.15
	25-34	16	47.06	18	52.94
	35+	4	57.14	3	42.86
	Total	41	51.25	39	48.75

Figure 1: Cross-Sectional table for randomized group assignment and participants health self-rating at the time of randomization

Interpret and discuss these findings: